## **EAST Search History**

| Ref<br># | Hits | Search Query                                                                                                                                                                                                   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|---------|------------------|
| L1       | 3275 | (magnetoresistive or (magneto adj<br>resistive)) and (antiferromagnetic or<br>(anti adj ferromagnetic)) and<br>(heat\$6 or thermal\$6 or<br>temperature)                                                       | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 14:14 |
| L2       | 324  | L1 and 365/158.ccls.                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 12:39 |
| L3       | 242  | (magnetoresistive or (magneto adj<br>resistive)) same (antiferromagnet\$6<br>or (anti adj ferromagnet\$6)) same<br>(ferromagnet\$6 or (ferro adj<br>magnet\$6)) same (heat\$6 or<br>thermal\$6 or temperature) | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 13:36 |
| L4       | 38   | 3 and "365"/\$6.ccls.                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 13:49 |
| L5       | 176  | (read\$6 or sens\$6 or detect\$6 or determin\$6) same (magnetoresitive or (magneto adj resistive) or mram) same current same resistance same angle\$2                                                          | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/07/31 14:15 |
| L6       | 89   | (magnetoresistive or (magneto adj<br>resistive)) and (antiferromagnetic or<br>(anti adj ferromagnetic)) and<br>(heat\$6 or thermal\$6 or<br>temperature)                                                       | EPO; JPO           | OR                  | ON      | 2007/07/31 14:17 |
| L7       | 2    | (read\$6 or sens\$6 or detect\$6 or determin\$6) and (magnetoresitive or (magneto adj resistive) or mram) and current and resistance same angle\$2                                                             | EPO; JPO           | OR                  | ON      | 2007/07/31 14:16 |
| L8       | 15   | ((read\$6 or sens\$6 or detect\$6 or determin\$6) and (magnetoresitive or (magneto adj resistive) or mram) and current and resistance same angle\$2).clm.                                                      | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/07/31 14:16 |
| L9       | 203  | ((magnetoresistive or (magneto adj<br>resistive)) and (antiferromagnetic or<br>(anti adj ferromagnetic)) and<br>(heat\$6 or thermal\$6 or<br>temperature)).clm.                                                | US-PGPUB;<br>USPAT | OR                  | ON .    | 2007/07/31 14:22 |
| L10      | 1871 | 365/158.ccls.                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 14:18 |
| L11      | 229  | 365/157.ccls.                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 14:19 |
| L12      | 1609 | 365/171.ccls.                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2007/07/31 14:19 |

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## **EAST Search History**

|            | 1067 | 205472                                                                                                                                                   | LIC DCDLID         | 0.0  | 055      | 2007/07/21 14:21 |
|------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------|----------|------------------|
| L13        | 1067 | 365/173.ccls.                                                                                                                                            | US-PGPUB;<br>USPAT | OR   | OFF .    | 2007/07/31 14:21 |
| L14        | 4    | 8 and 10                                                                                                                                                 | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:22 |
| Ľ15        | 0    | .8 and 11                                                                                                                                                | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:22 |
| L16        | 2    | 8 and 12                                                                                                                                                 | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:22 |
| L17        | 2    | 8 and 13                                                                                                                                                 | US-PGPUB;<br>USPAT | OR   | OFF<br>· | 2007/07/31 14:22 |
| L18        | 14   | 9 and 10                                                                                                                                                 | US-PGPUB;<br>USPAT | OR . | OFF      | 2007/07/31 14:23 |
| L19        | 1    | 9 and 11                                                                                                                                                 | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:23 |
| L20        | 5    | 9 and 12                                                                                                                                                 | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:23 |
| L21        | 5    | 9 and 13                                                                                                                                                 | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:23 |
| L22        | 6    | zheng-yuankai\$.in.                                                                                                                                      | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 14:24 |
| S1         | 1    | "6728132".pn.                                                                                                                                            | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 10:06 |
| S2         | 1    | "6418048".pn.                                                                                                                                            | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 10:06 |
| <b>S</b> 3 | 1    | "6385082".pn.                                                                                                                                            | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 11:12 |
| S4         | 4    | "20020089874"                                                                                                                                            | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 10:09 |
| S5         | 3    | "20030198113"                                                                                                                                            | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 10:38 |
| S6         | 3275 | (magnetoresistive or (magneto adj<br>resistive)) and (antiferromagnetic or<br>(anti adj ferromagnetic)) and<br>(heat\$6 or thermal\$6 or<br>temperature) | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 13:29 |
| S8         | 12   | S6 and 365/157.ccls.                                                                                                                                     | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 11:23 |
| S9         | 216  | S6 and 365/171.ccls.                                                                                                                                     | US-PGPUB;<br>USPAT | OR   | OFF      | 2007/07/31 11:23 |
| S10        | 182  | S6 and 365/173.ccls.                                                                                                                                     | US-PGPUB;<br>USPAT | OR   | OFF .    | 2007/07/31 11:24 |

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